BATTLED NATURE IN DIGGING CANAL

Cost of Removing Dirt Less Than First Estimates.

SLIDES CAUSED THE TROUBLE

Enough Dirt Fell Back In Ditch to **Build Chinese Wall Seven Feet High** and Seven Feet Thick Extending From New York to California. Economy Practiced at All Times.

Washington.-"The only reason ships were not using the Panama canal ten months ago, when the locks were first ready, is that nature was battling to the last ditch in her efforts to thwart the purpose of man to put a shipway through the vitals of proud old Culebra mountain," says William Joseph Showalter, who visited the canal zone many times during the progress of the work there, in a communication to the National Geographic society.

"Over 250 acres of ground lying outside of the intended banks of the canal and containing over 30,000,000 cuble yards of material were swept by nature with silent but terrific force down into the canal," he asserts.

"This enslaught demoralized an entire railroad system; it put the compressed air and water systems out of commission; it bottled up one end of Culebra cut with an avalanche of



© 1914, by American Press Association. PIRST SHIP PASSING THROUGH CANAL

debris; it imprisoned dirt trains and wrecked steam shovels. Consider what the removal of 30,000,000 cubic yards of material means. It is enough to build a sort of Chinese wall seven feet thick and seven feet high reaching from New York to San Francisco. It is more than could be drawn by all the horses and mules in the United States. It would fill 1,500,000 big cars, enough to make a string 12.000 miles long.

"When you reflect that each yard of this sliding material rendered doubly difficult the getting out of three yards of other material the true meaning of the slides begins to appear. There have been 170 trains going out of the cut one day at the south end, only to be stopped entirely the next day by a Again, balf a dozen tracks would suddenly be put out of commission. It is the greatest engineering wonder of the age that in spite of these difficulties 100,000,000 cubic yards of material were removed from the cut in less time than it was estimated 53,-000,000 cubic vards could be removed. And this wonder grows when I look at the cost sheets and see that a cubic yard was removed for an average of sixty odd cents, when it was estimated that, unhindered by slides, the cost of removing one yard would be 98 cents.

"Prior to 1910 the slides presented no serious obstacles. Up to that year the excavations on account of sildes were only 7.87 per cent of the total excavations. During 1910 seven weeks were required to take care of the 14.83 per cent of all excavations which represented the slide debris taken out. In 1911 it required thirteen weeks to take out the material the sildes brought into the cut. this material amounting to 26.30 per cent of the total excavations for the year. During the fiscal year of 1912 34.5 per cent of the excavations were of slide material, whose removal required eighteen weeks. Forty-six per cent of the total excavations in 1913 were from slides, which accounts for twenty-four weeks' work. Last year, beginning July 1, 1913, saw only two months required for the final bottom to be reached in the cut outside of the material brought in by the sildes, so that at least forty-four weeks are

chargeable against the slides. "One of the wonderful things about the building of the canal was how Colonel Goethals and Colonel Gaillard were able to drive down unit cost as the mercury in the difficulty thermometer sped upward. In 1908 it was estimated that the cost of removing a yard of spoil would be around 98 cents for the whole cut. In 1909 this was hammered down to 28 2 3 cents. With the slides more troublesome than ever in 1912 they forced the unit cost down to 51% cents.

CARREL TREATING WOUNDED.

Famous Surgeon Has Charge of Big French Army Hospital.

Paris. - Dr. Alexis Carrel of the Rockefeller Institute For Medical Reseach of New York was about to leave for the Umted States, but at the outbreak of war he canceled his departure and is now in charge of a big nospital



DR. ALEXIS CARREL.

where the French wounded are treated, Writing of the war to a friend, he says: 'France has been transformed in miraculous fashion. Individuals themselves have changed. I could never have believed it had I not seen it with my own eyes. Most perfect order prevalis, and enthusiasm grows daily. I am more and more convinced that the men are animated with that spirit that can never be vanquished.

"I am seeking men ready literally to give their blood for transfusions to wounded soldiers. Already 1 have found a doctor and an attorney and hope soon to have several others."

INTERNAL REVENUE RECEIPTS SHOW GAIN

In History of Nation.

Washington.-Receipts from internal evenue, including the income and corporation taxes, were larger in the fiscal year 1914 than ever before in its history, according to a preliminary report by the commissioner of the internal revenue.

From all sources other than income and corporation tax the collectors brought in \$308.027.619, less by \$790,-535 than collections from similar sources the previous fiscal year. From the corporation and income tax, however, they collected \$71,381,275, surpassing the revenue from the corporation tax in 1913 by more than \$3. .000,000

The total internal revenue amounted to \$380,008,894 to June 30, 1914, or about \$35,500,000 more than the previous fiscal year. The principal item of decrease was in taxes on distilled spirits, which fell off by \$4,781,165. Cigarettes brought in about \$2,666,116 and fermented liquors about \$814,523 additional.

From the corporation excise tax the government received about \$10,671,077. from the corporation income tax about \$32,456,663 and from the individual tax about \$28,253,535. The exact amount of expense, the commissioner says, has not been determined, but to collect this vast sum, he says, cost approximately \$5,765,000, compared with

\$5.484,600 for the previous fiscal year. The normal theome tax amounted to \$12,728,038. The returns from this tax were largest in amount from incomes exceeding \$100,000 and not more than \$250,000. From this source the income was \$3,835,948 and from incomes exceeding \$500,000 it was \$3,437.850.

Of the total collected, spirits brought in \$163,879,343, tobacco \$76,789,425, fermented liquor \$66,266,990, oleomargarine \$1.259,087 and playing cards \$655,-283, with smaller amounts for miscelinneous items.

New York state paid about \$62,000, 000 in internal revenue taxes and Illinois about \$61,000,000: Kentucky was third with about \$35,000,000 and Penusylvanta fourth with \$33,000,000.

HUNTS FOSSILS IN TEXAS.

Party Searches Panhandle For Traces of Prehistoric Animals.

Dallas, Tex .- Dr. Edward L. Troxell, representing the Peabody museum of Yale university, has been in Dallas on his way to Tulia and the head of Rock creek, in the Texas Panhandle, where he is conducting an expedition in the hope of obtaining fossils of the ancient horse that became extinct in America 200,000 years ago, the pleistotene elephant and camel and other animals that are said to have settled in the Panhandle long before the pres-

ent age of man "Two years ago," said Dr. Troxeli, the university sent Professor Luit and a party on an expedition to the Panhandle to look for fossils. The expedition was so successful that they are sending out another. On our last trip we found fragments of the three toed horse, elephants, camels, sloths and the ancient horse which became extinct 200,000 years ago. This year' we hope to find more specimens of these fossils."

INSTRUCTS AMBASSADORS.

Secretary Bryan Tells Diplomate Abroad How to Conduct Affairs.

Washington.-Secretary Bryan issued instructions to diplomatic and consular officers of the United States who have been intrusted with the interests of the nations now at war.

Few realize the delicate position of this office, the duties suddenly thrust upon them and the consequent amount of labor they are compelled to per-

United States diplomatic and consular officers are serving the interests of Sermany, France, Belgium, Russia. Great Britain, Austria and Japan.

In the instructions sent out by Secretary Bryan the American representatives are cautioned to not overstep the straight line of their duties for fear it would make the neutrality of the United States appear partial. The instructions said, in part: "Bear in mind the general usages of nations in relation to the functions exercised by you on all such occasions."

Further, the instructions added, "The care and protection of the interests of the nations for whom you are acting are based upon the consent of both foreign governments concerned. This consent may be withdrawn at any time by either or both."

Another instruction, "Bear in mind you are the representative of a neutral power whose attitude toward the parties to the conflict is one of impartial amity."

An explanation by state department officials of the instructions showed that, in the main, the attitude of the representatives of the United States acting for the belligerents is that of a vehicle of communication; also to protect the property and natives of the nations for whom they are acting.

In this connection the instructions state that before seeking recourse to the raising of the American flag over the embassy, legation or consulate of the nations for whom they are acting as a means of protecting them strong representations should be made to the government in whose territory the property may be located and that necessity may be avoided.

CATHOLIC CHURCH United States Income Largest of each month. On all other Sundays at 10 A M.

H. A. Campo, Rector

Alias Summons.

In the Circuit Court of the State of T Oregon, for the County of Malheur.

Home Lumber and Coal Company, a corporation, plaintiff,

Geo. W. Cater, Anna Cater, E. F. Sullivan, Fred G. Anderson, George Kelley, Melvin Smith, Henry Dargel, the Juntura Mercantile Company, a corporation, Juntura Hotel Company, a corporation, M. S. Houston, John Hodder, A. C. Woodruff, Clyde Shauer, John E. Thomas, A. G. Williams, John U. Hoffman, Carlson-Lusk Hardware Company, a corporation, and Frst Bank of Juntura, a corporation, defendents TO George W. Cater, Anna Cater, E. F. Sullivan, Fred G. Anderson, George Kelley, Melvin Smith, Henry Dargel, to be a first lien upon the property Juntura Mercantile Company, a corporation, Juntura Hotel Company, a corporation, M. S. Houston, John Hodder, A.C. Woodruff, Clyde Shauer, John E. Thomas, A. G. Williams, John U. Hoffman, Carlson-Lusk Hardware Company, a corporation, and First Bank of Juntura, a corporation, the above named defendents:

IN THE NAME OF THE STATE OF OREGON:

You are required to appear and answer the complaint of the plaintifi filed against you in the above entitled action on or before the 8th day of October, 1914, the same being the last day of the time prescribed by order of the Court directing summons in said suit to be made upon you by publication. thereof the plaintiff will apply to the particulars. Court for the relief demanded in the complaint, towit:

For judgement against defendant George W.Cater in the sum of \$787.95 togeth-

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er with 6 per cent interest thereon from Dec, 10., 1913, for \$150.00 attorney fees and costs of suit also for a

decree of said Court foreclosing a certain material man's lien of plaintiff against lots 8, 9, 10 and 11 in block 19 of the original Townsite of Juntura, Malheur County, Oregon, and recorded in Book "B" of Mechanics Liens at page 94 thereof, for materials furnished by plaintiff to defendant George W. Cater as contractor and agent of Juntura Hotel Company owner of a certain hotel building built on said real estate hereinbefore de-

scribed, and which materials were used in the construction of said hotel building; and also asking judgement of the Court decreeing that the lien of plaintiff be a first lien on said premises superior to the liens af any of the other defeudants named above, against said hotel and land, and for

all other proper relief. And you are further notified that this summons is served upon you by publication in pursuance of an order of Hon. Dalton Biggs, Judge of this court, which said order was made and entered in said cause on the 28th day of July, 1914, and directed that this summons be published once each week for six consecutive weeks in the On-

The first publication of this summons s on August 27, 1914, and the last publication is on October 8, 1914.

> ED R. COULTER Attorney for Plaintiff.

SUMMONS.

In the Circuit Court of the State of Oregon for Malheur County.

Charles E. Cochran, Plaintiff

Elmer Wicklund, Frank Quirk, Frank C. Woodford and Jennie L. Woodford, his wife, and T. B. Garrison, Jr., Defendants.

named defendants.

In the name of the state of Oregon, greeting:

You, and each of you, are hereby required to appear and answer the complaint filed against you in the above entitled cause and Court on or before the 15th day of October, 1914, the same being the last day of the time prescribed by order of the court directing service of summons in said cause to be made upon you by publication, and if you fail so to appear and answer, for want thereof, the plaintiff will apply to the Court for the relief prayed for in complaint, towit: for judgment against the defendants Frank C. Woodford and Jennie L. Woodford, his wife, for the sum of two thousand (\$2000.00) Dollars, with interest from April 1st, 1910, at ten (10) per cent per annum until paid, and the further sum of Four Hundred (\$400.00) Dollars attorney's No 6 Oregon Wash Express 6:15 p m fees, and for a decree of the court foreclosing the mortgage described in plain- No 17 Oregon Wash L'td tiff's complaint, and declaring the same therein described, towit:

The west half (w 1-2) of the southeast quarter (se 1-4) of sec-tion seventeen (17) and the west half, (w 1-2) of the northeast quarter (ne 1-4) of section twenty (20), township twenty-five (25) south, of range forty-six (46) east, Willa-mette meridian in Malheur County,

Summer EXCURSIONS Via. Union Pacific System

To points east, August 11, 19 and and 26, and September 2 and 16. To points west, daily to September 30, 1914. See And if you fail to answer, for want Agents for rates and further

Oregon, together with all water rights, ditches and canals used in irrigating the same, And that the interest of the remaining defendants be decreed and

declared to be subsequent in time, inferior in right and junior to the lien of plaintiff's mortgage, and that each and all of said defendants be barred and foreclosed from any and all right, title and interest in and to said premises, and all equity of redemption, except the statutory right of redemption, and that said premises and the whole thereof, together with any and all water ights or ditches appertaining thereto, be sold in the manner prescribed by law, and the proceeds applied to the payment of the costs and disbursements of this suit: the accruing costs and the judgment of the plaintiff against said defendents Woodford and the over-plus to be paid to whomsoever the court may decree to be entitled thereto, and the plaintiff have general relief.

This summons is published in the Ontario Argus a weekly newspaper printed and published at Ontario in the County of Malheur, State of Oregon, in pursuance and by virtue of an order of the Honorable Dalton Biggs, judge of the above entitled Court, which order was made and entered on the 27th day of August, 1914, and directed that this summons be published for a period of six successive weeks in said newspaper commencing with the issue of September 3, 1914.

First publication is on September 3, 1914, and last publication is on October

Notice

McCULLOCH & WOOD Attorneys for Plaintiff

Meeting of Board of Equalization for Dead Ox Flat Irrigation Project.

Notice is hereby given that the Board of Directors of the Dead Ox Flat Irrigation District, acting as a To Elmer Wicklund, Frank Quirk, Board of Equalization, will meet at Frank C. Woodford, and Jennie L. Ontario, Oregon, on Tuesday the 6th Woodford, his wife, four of the above day of October, 1914, at 10 o'clock A. M. for the purpose of reviewing and correcting the assessment and apportionment of taxes of said Irrigation District for the year 1914.

> is now in the office of the Secretary of said District for the inspection of all persons interested. Dated at Ontario, Oregon, this 27th

A list and record of said assessment

day of August 1914.

H. W. CLEMENT, Secretary

Train Service.

East bound

Ontario, Oregon, June 1st. 1914 Time Table No 73

No 18 Oregon Wash L'td 2:51 a m No 76 Boise Passenger 8:50 a m No 10 Eastern Express 12:12 p m

No 78 Bolse Passenger 3:30 p m West bound.

No 75 Huntington Passenger 9:42 a m No 9 Oregon Wash Ex 6:50 pm No 5 Fast Mail 6:15 p m

No 77 Huntington Pas'gr 6:15 p m Malheur Valley Branch.

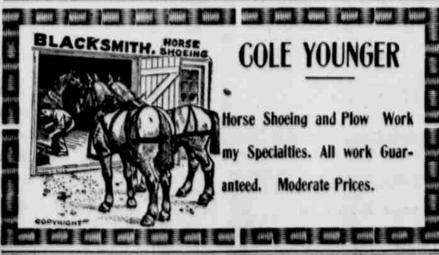
West Bound

No 139 Vale and Juntura, Mixed, Monday, Wednesday & Friday, 10, 10 a.m. No 141 Vale and Brogan mixed, Daily Except Sunday leaves 10:00 a m No 97 Vale Passenger 7:00 p m

East Bound Arrive No 98 Vale Passenger 8:40 a m

No 142 Vale Mixed, from Brogan 3.50 p m No. 140 Juntura mixed, Tuesday, Thursday and Saturday, 1:30 p. m.

The Homedale train leaves Nyssa at 2:45 on Tuesday, Thursday and saturday, returning, arrive at Ontario at 6 p. m.



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C. C. Morton, Old's Ferry,
N. O. White, Weiser Bridge,
J. E. Holly, Riverview
Abe Denny, Jordan Valley,
Joe Bankoffer, McDermitt
J. Boydell, Nyssa
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